

# Converting Colors

Hex(3FA021)

Have a look what the booklet for  
Hex(3FA021) contains.

<b>Hex(3FA021)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3FA021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA021
RGB	63, 160, 33
RGB Percent	25%, 63%, 13%
CMY	0.7529, 0.3725, 0.8706
CMYK	0.61, 0.00, 0.79, 0.37
HSL	106°, 66%, 38%
HSV	106°, 79%, 63%
XYZ	14.8952, 26.3082, 5.7318
YIQ	116.5190, -17.0450, -60.0610

# Conversions

## Conversions Part 2

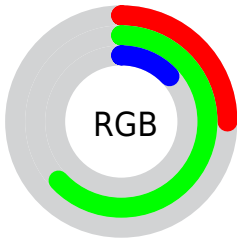
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 160, 130
Decimal	4169761
CIELab	58.33, -50.81, 53.20
CIElCh	58, 73.563, 133.686
Yxy	26.3082, 0.3174, 0.5605
Android (android.graphics.Color)	4282359841 (0xFF3FA021)
YUV	116.5190, -41.1749, -46.9362
Hunter-Lab	51.2915, -37.9231, 29.2785

# Details

The Hex color **3FA021** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8221A0**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7AD858**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **33A011**, and if you desaturate by 10%, it is **4BA031**.

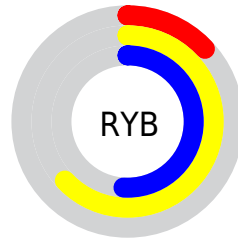
# Distribution



Red (25%)

Green (63%)

Blue (13%)



Red (13%)

Yellow (63%)

Blue (51%)

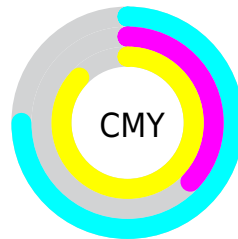


Cyan (61%)

Magenta (0%)

Yellow (79%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA021 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3FA021 by changing the saturation by 10% instead.





3FA021



3FA021

FFFFFF



1B8500



7AD858



006B00



97F473



005200



B3FF8E



003A00



D1FFAA



002400



EEFFC6



000000



FFFFE2



3FA021



3FA021



33A011



4BA031

■ 27A001

■ 57A041

■ 26A000

■ 64A051

■ 70A061

■ 7CA071

■ 88A081

■ 95A091

■ A1A0A1

■ ADA0B1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8E9300



3FA021



00A766

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3FA021



009DFF



FD4472

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3FA021



8221A0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ED4CB2



3FA021



118AFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3FA021



00A7E4



B36CEA



ED5E35

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3FA021



00A993



B36CEA



FC4287



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3FA021



ABD19F



A08021



51694A



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3FA021



39D10A



21A041



494F47



228F00



040F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8221A0



A20AD1



A02180



4D474F



6D008F



0C000F



# Previews

## White Background



This preview shows how the Hex color 3FA021 looks on a white background.

## Color Contrast Check

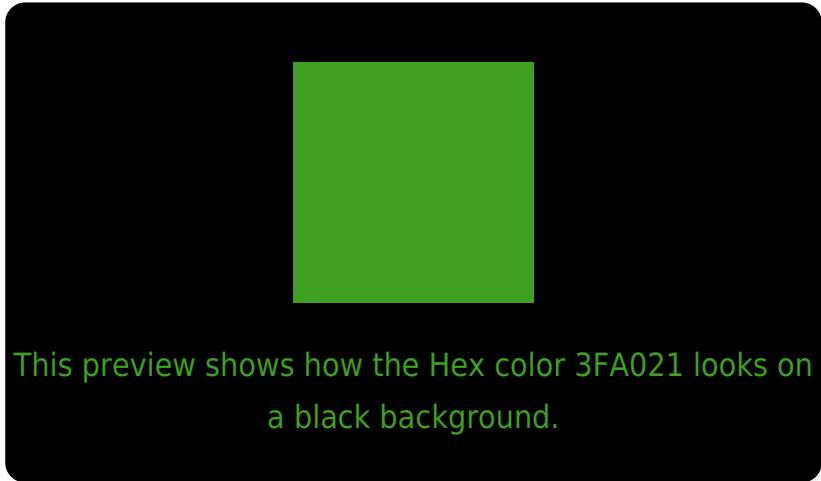
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3FA021 Background



This preview shows how black text looks on a background with the Hex color 3FA021.

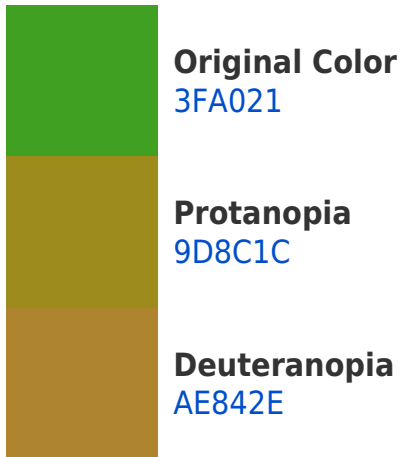


This preview shows how white text looks on a background with the Hex color 3FA021.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
3FA021



**Protanomaly**  
7B931E



**Deuteranomaly**  
868E29



**Tritanomaly**  
509972

# Monochromacy



**Original Color**  
3FA021



**Achromatopsia**  
757575



**Achromatomaly**  
618556

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA021 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3FA021 looks like.

```
.text, #text, p{  
    color:#3FA021  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3FA021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA021  
}
```

## Border

The CSS property to change the border of an element to Hex 3FA021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3FA021 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3FA021 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3FA021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA021; -webkit-box-shadow:4px 4px  
4px 4px #3FA021; box-shadow:4px 4px 4px  
4px #3FA021 }
```

# Background

The CSS property to change the background color of an element to Hex 3FA021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA021 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3FA021 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor